

FORM PTO-1449

Atty. Docket No.:  
P32.12-0022Appl. No.:  
10/790,627

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

First Named Inventor:

Brad N. Mathiowetz et al.

Filing Date

Group Art:

March 1, 2004

2838

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
T.C./	AA	4,337,516	06/29/82	Murphy et al.	364	551	06/26/80
	AB	4,630,265	12/16/86	Sexton	370	86	09/26/84
	AC	4,635,214	01/06/87	Kasai et al.	364	551	06/29/84
	AD	4,707,796	11/17/87	Calabro et al.	364	552	08/13/86
	AE	4,954,923	09/04/90	Hoeflich et al.	361	111	08/19/88
	AF	4,964,125	10/16/90	Kim	371	15.1	08/19/88
	AG	4,988,990	01/29/91	Warrior	340	25.5	12/26/89
	AH	5,005,142	04/02/91	Lipchak et al.	364	550	07/24/89
	AI	5,103,409	04/07/92	Shimizu et al.	364	556	01/03/90
	AJ	5,113,303	05/12/92	Herres	361	45	03/29/90
	AK	5,148,378	09/15/92	Shibayama et al.	364	571.07	11/19/90
	AL	5,150,289	09/22/92	Badavas	364	154	07/30/90
	AM	5,197,328	03/30/93	Fitzgerald	73	168	01/09/92
	AN	5,434,774	07/18/95	Seberger	364	172	03/02/94
	AO	5,442,639	08/15/95	Crowder et al.	371	20.1	10/12/93

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
/T.C./	AP	WO/96/12993	05/02/96	WIPO		x
	AQ	WO/97/21157	06/12/97	WIPO		x
	AR	WO/98/39718	09/11/98	WIPO		x
	AS	WO/00/41050	07/13/00	WIPO		x
	AT	WO/02/027418	04/04/02	WIPO		x

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/T.C./	AU 5,469,156	11/21/95	Kogure	340	870.38	05/01/92
	AV 5,481,200	01/02/96	Voegele et al.	324	718	09/15/93
	AW 5,570,300	10/29/96	Henry et al.	364	551.01	03/20/95
	AX 5,573,032	11/12/96	Lenz et al.	137	486	06/07/95
	AY 5,598,521	01/28/97	Kilgore et al.	395	326	04/24/95
	AZ 5,623,605	04/22/97	Keshav et al.	395	200.17	08/29/94
	BA 5,665,899	09/09/97	Willcox	73	1.63	02/23/96
	BB 5,742,845	04/21/98	Wagner	395	831	06/22/95
	BC 5,764,891	07/09/98	Warrior	395	200.2	02/15/96
	BD 5,828,567	10/27/98	Eryurek et al.	364	184	11/07/96
	BE 5,838,187	11/17/98	Embree	327	512	02/10/97

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	Document No.	Date	Country	Class	Sub Class	Translation Yes No
/T.C./	BF EP 1022626 A2	07/26/00	EPO			x
	BG DE 1993 0660 A1	01/11/01	Germany			x
	BH DE 29917651	12/14/00	Germany			x
	BI GB 2,347,232	08/30/00	UK			
	BJ WO 00/55700	9/21/00	WIPO			
	BK 2753592 JP	01/18/90	Japan			

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T.C./	BL	5,923,557	07/13/99	Eidson	364	471.03	08/01/97
	BM	5,940,290	08/17/99	Dixon	364	138	09/12/96
	BN	5,956,663	09/21/99	Eryurek	702	183	03/26/98
	BO	5,960,214	09/28/99	Sharpe, Jr. et al.	395	835	12/04/96
	BP	5,970,430	10/19/99	Burns et al.	702	122	09/03/97
	BQ	5,980,078	11/09/99	Krivoshein et al.	364	131	02/14/97
	BR	6,017,143	01/25/00	Eryurek et al.	364	148.06	03/28/96
	BS	6,023,399	02/08/00	Kogure	364	23	09/22/97
	BT	6,026,352	02/15/00	Burns et al.	702	182	10/07/98
	BU	6,047,222	04/04/00	Burns et al.	700	79	
	BV	6,052,655	04/18/00	Kobayashi et al.	702	184	03/17/98
	BW	6,091,968	07/18/00	Koohgoli et al.	455	557	07/12/97
	BX	6,094,600	07/25/00	Sharpe, Jr. et al.	700	19	02/06/96
	BY	6,111,738	08/29/00	McGoogan	361	91.5	05/22/98
	BZ	6,119,047	09/12/00	Eryurek et al.	700	28	11/10/97
	CA	6,179,964	01/30/01	Begemann et al.	162	198	09/02/97
	CB	6,192,281	02/20/01	Brown et al.	700	2	
	CC	6,211,623	04/03/01	Wilhelm et al.	315	224	01/05/99
	CD	6,236,334	05/22/01	Tapperson et al.	340	825.37	05/28/97
	CE	6,263,487	07/17/01	Stripf et al.	717	1	
	CF	6,270,920	08/07/01	Nakanishi et al.	429	163	03/19/99
	CG	6,298,377	10/02/01	Hartkainen et al.	709	223	09/04/98

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/T.C./	CH	6,356,191	03/12/02	Kirkpatrick et al.	340	501	06/17/99
	CI	6,307,483	10/23/01	Westfield et al.	340	870.11	04/07/99
	CJ	6,324,607	11/27/01	Korowitz et al.	710	102	11/19/99
	CK	6,370,448	04/09/02	Eryurek	700	282	10/12/98
	CL	6,377,859	04/23/02	Brown et al.	700	79	
	CM	6,397,114	05/28/02	Eryurek et al.	700	51	05/03/99
	CN	6,434,504	08/13/02	Eryurek et al.	702	130	08/06/99
	CO	6,444,350	09/03/02	Toya et al.	429	90	03/09/00
	CP	6,449,574	09/10/02	Eryurek et al.	702	99	07/14/00
	CQ	6,473,710	10/29/02	Eryurek	702	133	06/29/00
	CR	6,505,517	01/14/03	Eryurek et al.	73	861.08	07/23/99
	CS	6,519,546	02/11/03	Eryurek et al.	702	130	10/19/98
	CT	6,532,392	03/11/03	Eryurek et al.	700	54	07/28/00
	CU	6,539,267	03/25/03	Eryurek et al.	700	51	05/04/00
	CV	6,594,603	07/15/03	Eryurek et al.	702	104	09/30/99
	CW	6,601,005	07/29/03	Eryurek et al.	702	104	06/25/99
	CX	6,611,775	08/26/03	Coursolle et al.	702	65	05/23/00
	CY	6,615,149	09/02/03	Wehrs	702	76	05/23/00
	CZ	6,629,059	09/30/03	Borgeson et al.	702	183	03/12/02
	DA	6,654,697	11/25/03	Eryurek et al.	702	47	08/27/99
	DB	2001/0053065	12/20/01	Cudini et al.	361	728	02/20/01
	DC	2003/0033040 A1	02/13/03	Billings	700	97	05/29/02

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/T.C./	DD	09/384,876	08/27/99	Eryurek et al.		
	DE	09/409,098	09/30/99	Eryurek et al.		
	DF	09/799,824	03/05/01	Rome et al.		
	DG	09/852,102	05/09/01	Eryurek et al.		
	DH	09/855,179	05/14/01	Eryurek et al.		
	DI	10/790,627	03/06/03	Mathiowetz		
	DJ	10/438,386	03/01/04	Mathiowetz et al.		
	DK	10/440,047	05/16/03	Kantzes et al.		
	DL	10/426,894	04/30/03	Duren et al.		
	DM	10/438,401	5/16/03	Opheim et al.		
	DN	10/440,434	05/16/03	DelaCruz et al.		
	DO	10/435,819	5/12/03	Kantzes et al.		
	DP	10/440,048	05/16/03	Duren et al.		
	DQ	10/440,444	05/16/03	Mathiowetz et al.		
	DR	10/439,660	05/16/03	Mathiowetz et al.		
	DS	10/439,764	05/16/03	Mathiowetz		
	DT	10/310,703	12/05/02	Zielinski et al.		
	DU	10/440,041	05/16/03	Mathiowetz et al.		
	DV	10/440,441	5/16/03	Mathiowetz et al.		

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/T.C./	DW	2002/0077711 A1	06/20/02	Nixon et al.		
↓	DX	2002/0065631 A1	05/30/02	Loechner		
↓	DY	2003/0023795 A1	01/30/03	Packwood et al.		
↓	DZ	2002/0123864 A1	09/05/02	Eryurek et al.		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/T.C./	EA	"Fluke 179 Multimeter & ToolPak Combo Pack, "http://www.fluke.com/MULTIMETER/TOOLPAK .ASP?AGID=6&SID=260 (2 pages). 5/5/03
↓	EB	"Multifunction PDA Calibrator Transmation Model 3-PMF1," Transmation, April 2001.
↓	EC	"AAPA 60 & 90 Series Multimeter," http://www.appatech.com/a-60new.htm (5 pages). 5/5/03
↓	ED	"Fieldbus Standard for Use in Industrial Control Systems Part 2: Physical Layer Specification and Service Definition", ISA-S50.02-1992, pp. 1-93. 1992
↓	EE	Hart Communications, Technical Information, Part 4 Communications, Samson, Frankfurt 1999
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T.C./	EF	2002/0004370 A1	01/10/02	Stengele et al.			
	EG	2003/0023408 A1	01/30/03	Wight et al.			
	EH	2003/0158795 A1	08/21/03	Markham et al.			
	EI	5,426,774	07/20/95	Banerjee et al.	395	575	
	EJ	5,752,249	05/12/98	Macon, Jr. et al.	707	103	
	EK	5,909,368	06/01/99	Nixon et al.	364	131	
	EL	5,995,916	11/30/99	Nixon et al.	702	182	
	EM	6,195,591	02/27/01	Nixon et al.	700	83	
	EN	6,304,934	10/16/01	Pimenta et al.	710	129	
	EO	6,487,462	11/26/02	Reeves	700	73	
	EP	6,594,621	07/15/03	Meeker	702	185	
	EQ	6,697,681	02/24/04	Stoddard et al.	700	17	
	ER	6,598,828	07/29/03	Fiebick et al.	244	118.1	
	ES	6,317,701	11/13/01	Pyotsia et al.	702	188	

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ET	"Fieldbus Brings Protocol to Process Control," Santori et al., IEEE Spectrum, Vol. 33, Issue 3, March 1996, pps. 60-64
EU	"Computerized Maintenance systems-an Overview of Two Basic Types for Field Devices," Medlin, IEEE Pulp and Paper Industry Technical Conference, June 21-25, 1999, pps. 230-232
EV	"Fieldbus in the Process Control Laboratory-its Time has Come," Rehg. et al., ASEE/IEEE Frontiers in Education Conference, Vol. 3, November 1999, pps. 13B4/12-13B4/17.
EW	"Generic Device Description for Complex HART Field Devices," Zulkifi et al., IEEE 8 <sup>th</sup> International Conference on Communication Systems, Vol. 2, November 25-28, 2002, pps. 646-650
EX	"SFC Smart Field Communicator-Model STS103," Honeywell, Specification, December 1995, pps. 1-4
EY	"SFC Smart Field Communicator-Models SFC160/SFC260," Yamatake, Specification April 1999, pps. 1-6
EZ	"HART Communicator," Fisher-Rosemount, Product Manual, July 2000, pps. i-iv, ix-x, 1-1 -1-40 - 2-1 - 2-8 - 3-1 - 3-38 - A-1 - A-6 - B-1 - B-6 C-1 - C-4 - D-1 - D-4 and I-1 1-2
FA	Shoji et al., Fieldbus System Engineering, 1999, Yokogawa Technical Report
FB	Diedrich et al., Field Device Integration in DCS Engineering Using a Device Model, 1998, IEEE
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